PRINTER RUSH (PTO ASSISTANCE)

59053 Examiner: Garber, W. Application: / GAU: Location: (IDC) FMF FDC Date: From: Tracking #: 06/18354 Week Date: **DOC CODE DOC DATE MISCELLANEOUS** 1449 Continuing Data **IDS** Foreign Priority **CLM Document Legibility IIFW** Fees **SRFW** Other DRW **OATH** 312 01-12-2001 **SPEC** ease reconcile ÌS 302. 032,761 12-11-1996 as [XRUSH] **RESPONSE: ___** 000

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH. **REV 10/04**

INITIALS:

Moving Imager Camera for Track and Range Capture

by Inventors

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Description

Cross-Reference to Related Application

United States Provisional Patent Application No. 60/302,761, entitled "MOVING IMAGER CAMERA FOR TRACKING, SCANNING, RANGE AND SUPER-RESOLUTION," filed December 11, 1996, which is incorporated herein by reference in its entirety. This application is related to Woodfill et al.'s copending U.S. Patent Application Serial No. 08/839,767, filed April 28, 1997, entitled "Data Processing System and Method," which is incorporated herein by reference in its entirety.

Technical Field

This invention relates generally to computer input devices, and more particularly to digital image capture devices used to provide ranging and tracking information for a computer system.

Background Art

The range of an object, *i.e.* the distance to the object from an observation site, can be determined by the analysis of two or more spatially separated images (often referred to as "binocular images" when there are two images) that are taken from the observation site. In range computation from simultaneously acquired binocular digital